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PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/533,029

DATE: 04/14/2000
TIME: 10:46:48

Input Set: I533029.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

8.5

ENTERED

1 <110> APPLICANT: Heard, Jacqueline
2 Broun, Pierre
3 Riechmann, Jose-Luis
4 Keddie, James
5 Pineda, Omaira
6 Adam, Luc
7 Samaha, Raymond
8 Zhang, James
9 Yu, Guo-Liang
10 Ratcliffe, Oliver
11 Pilgrim, Marsha
12 Jiang, Cai-Zhong
13 Reuber, Lynne
14 <120> TITLE OF INVENTION: DISEASE-INDUCED POLYNUCLEOTIDES
15 <130> FILE REFERENCE: MBI-010
16 <140> CURRENT APPLICATION NUMBER: US/09/533,029
17 <141> CURRENT FILING DATE: 2000-03-22
18 <150> EARLIER APPLICATION NUMBER: 60/125,814
19 <151> EARLIER FILING DATE: 1999-03-23
20 <160> NUMBER OF SEQ ID NOS: 121
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32 ttcaataaca ccatctccgt tcttgatacc ttgaaccca tctcctctc ctcacccctc 240
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37 cacaagtata cccaagggtg caaggcaaca aagcaagtcc agaaggttga gctcgaaccc 540
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42 caggccagtt acgtcaatgg gaaaacgagt acatctatcg atgttttggg ttctcaggat 840
43 ctcatggtgt ttggaggtgg cggcgatttc gagtttagcg aaaatgagca cttctctatc 900
44 ttcagttcat gttcgaatct atcttgagtt taccactact ataggactaa gaccatgagt 960

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/533,029

DATE: 04/14/2000
TIME: 10:46:48

Input Set: I533029.RAW

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60 35 40 45
61 Asn Thr Ile Ser Val Leu Asp Thr Phe Glu Pro Ile Ser Ser Ser Ser
62 50 55 60
63 Ser Leu Ala Ala Val Glu Gly Ser Gln Asn Ala Ser Cys Asp Asn Asp
64 65 70 75 80
65 Gly Lys Phe Glu Asp Ser Gly Asp Ser Arg Lys Arg Leu Gly Pro Val
66 85 90 95
67 Lys Gly Lys Arg Gly Cys Tyr Lys Arg Lys Lys Arg Ser Glu Thr Cys
68 100 105 110
69 Thr Ile Glu Ser Thr Ile Leu Glu Asp Ala Phe Ser Trp Arg Lys Tyr
70 115 120 125
71 Gly Gln Lys Glu Ile Leu Asn Ala Lys Phe Pro Arg Ser Tyr Phe Arg
72 130 135 140
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75 Lys Val Glu Leu Glu Pro Lys Met Phe Ser Ile Thr Tyr Ile Gly Asn
76 165 170 175
77 His Thr Cys Asn Thr Asn Ala Glu Thr Pro Lys Ser Lys Thr Cys Asp
78 180 185 190
79 His His Asp Glu Ile Phe Met Asp Ser Glu Asp His Lys Ser Pro Ser
80 195 200 205
81 Leu Ser Thr Ser Met Lys Glu Glu Asp Asn Pro His Arg His His Gly
82 210 215 220
83 Ser Ser Thr Glu Asn Asp Leu Ser Leu Val Trp Pro Glu Met Val Phe
84 225 230 235 240
85 Glu Glu Asp Tyr His His Gln Ala Ser Tyr Val Asn Gly Lys Thr Ser
86 245 250 255
87 Thr Ser Ile Asp Val Leu Gly Ser Gln Asp Leu Met Val Phe Gly Gly
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93 <210> SEQ ID NO 3
94 <211> LENGTH: 1212

PAGE: 3

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/533,029

DATE: 04/14/2000
TIME: 10:46:48

Input Set: I533029.RAW

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102 ttacgatttc tctcttcagc tcatcgccga aatagatctt tacaaattcg atccatgggt 180
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106 gttttacatc ggaaaagctc cttaaaggta taaaaccaat tggatcatgc atgagtatcg 420
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110 cgttcttgat tcgtttcatc aagagatcga caacagaaat ttccagtttt ctaacccaaa 660
111 ccgcatctcg tcgctcagac cggacttaac cgaacagaaa accgggttcc acggtcttgc 720
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132 Cys Arg Lys Ala Ala Gly Tyr Asp Phe Ser Leu Gln Leu Ile Ala Glu
133 35 40 45
134 Ile Asp Leu Tyr Lys Phe Asp Pro Trp Val Leu Pro Asn Lys Ala Leu
135 50 55 60
136 Phe Gly Glu Lys Glu Trp Tyr Phe Phe Ser Pro Arg Asp Arg Lys Tyr
137 65 70 75 80
138 Pro Asn Gly Ser Arg Pro Asn Arg Val Ala Gly Ser Gly Tyr Trp Lys
139 85 90 95
140 Ala Thr Gly Thr Asp Lys Ile Ile Ser Thr Glu Gly Gln Arg Val Gly
141 100 105 110
142 Ile Lys Lys Ala Leu Val Phe Tyr Ile Gly Lys Ala Pro Lys Gly Thr
143 115 120 125
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PAGE: 4

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/533,029

DATE: 04/14/2000
TIME: 10:46:48

Input Set: I533029.RAW

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148	Lys Lys Gln Ser Ser Ala Gln Lys Gln Val Tyr Asp Asn Gly Ile Ala		
149	165	170	175
150	Asn Ala Arg Glu Phe Ser Asn Asn Gly Thr Ser Ser Thr Thr Ser Ser		
151	180	185	190
152	Ser Ser His Phe Glu Asp Val Leu Asp Ser Phe His Gln Glu Ile Asp		
153	195	200	205
154	Asn Arg Asn Phe Gln Phe Ser Asn Pro Asn Arg Ile Ser Ser Leu Arg		
155	210	215	220
156	Pro Asp Leu Thr Glu Gln Lys Thr Gly Phe His Gly Leu Ala Asp Thr		
157	225	230	235
158	Ser Asn Phe Asp Trp Ala Ser Phe Ala Gly Asn Val Glu His Asn Asn		
159	245	250	255
160	Ser Val Pro Glu Leu Gly Met Ser His Val Val Pro Asn Leu Glu Tyr		
161	260	265	270
162	Asn Cys Gly Tyr Leu Lys Thr Glu Glu Glu Val Glu Ser Ser His Gly		
163	275	280	285
164	Phe Asn Asn Ser Gly Glu Leu Ala Gln Lys Gly Tyr Gly Val Asp Ser		
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177 cgagatcaac gagctaata tagaaggaag agactatgca caccagtttg gatcagcttc 180
178 atctcaagaa acacgtgaac atttagccaa aaagattctt caatcttacc acaagtctct 240
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180 gagcgatgat tccgatcaag aaccacttgt catcaagagt tcgaagaagt caatgccaa 360
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182 attcagttgg agaaagtacg gccagaagga tattctcgga gccaaatttc caagaggata 480
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PAGE: 5

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/533,029

DATE: 04/14/2000
TIME: 10:46:48

Input Set: I533029.RAW

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201 <223> OTHER INFORMATION: G185
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206      20          25          30
207      Ser Ala Ser Ser Gln Glu Thr Arg Glu His Leu Ala Lys Lys Ile Leu
208      35          40          45
209      Gln Ser Tyr His Lys Ser Leu Thr Ile Met Asn Tyr Ser Gly Glu Leu
210      50          55          60
211      Asp Gln Val Ser Gln Gly Gly Gly Ser Pro Lys Ser Asp Asp Ser Asp
212      65          70          75          80
213      Gln Glu Pro Leu Val Ile Lys Ser Ser Lys Lys Ser Met Pro Arg Trp
214      85          90          95
215      Ser Ser Lys Val Arg Ile Ala Pro Gly Ala Gly Val Asp Arg Thr Leu
216      100         105         110
217      Asp Asp Gly Phe Ser Trp Arg Lys Tyr Gly Gln Lys Asp Ile Leu Gly
218      115         120         125
219      Ala Lys Phe Pro Arg Gly Tyr Tyr Arg Cys Thr Tyr Arg Lys Ser Gln
220      130         135         140
221      Gly Cys Glu Ala Thr Lys Gln Val Gln Arg Ser Asp Glu Asn Gln Met
222      145         150         155         160
223      Leu Leu Glu Ile Ser Tyr Arg Gly Ile His Ser Cys Ser Gln Ala Ala
224      165         170         175
225      Asn Val Gly Thr Thr Met Pro Ile Gln Asn Leu Glu Pro Asn Gln Thr
226      180         185         190
227      Gln Glu His Gly Asn Leu Asp Met Val Lys Glu Ser Val Asp Asn Tyr
228      195         200         205
229      Asn His Gln Ala His Leu His His Asn Leu His Tyr Pro Leu Ser Ser
230      210         215         220
231      Thr Pro Asn Leu Glu Asn Asn Asn Ala Tyr Met Leu Gln Met Arg Asp
232      225         230         235         240
233      Gln Asn Ile Glu Tyr Phe Gly Ser Thr Ser Phe Ser Ser Asp Leu Gly
234      245         250         255
235      Thr Ser Ile Asn Tyr Asn Phe Pro Ala Ser Gly Ser Ala Ser His Ser
236      260         265         270
237      Ala Ser Asn Ser Pro Ser Thr Val Pro Leu Glu Ser Pro Phe Glu Ser
238      275         280         285
239      Tyr Asp Pro Asn His Pro Tyr Gly Gly Phe Gly Gly Phe Tyr Ser
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

PAGE: 6

VERIFICATION SUMMARY
PATENT APPLICATION US/09/533,029

DATE: 04/14/2000
TIME: 10:46:48

Input Set: I533029.RAW

Line ? Error/Warning

Original Text

900 W "N" or "Xaa" used: Feature required
3500 W "N" or "Xaa" used: Feature required

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